Applicant: Kimihiro Mabuchi et al. Attorney's Docket No.: 19461-003US1 / 542026

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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

- 1. (Original) A highly water-permeable hollow fiber type blood purifier comprising hydrophobic polymer hollow fiber membranes each of which contains a hydrophilic polymer, characterized in that the amount of the hydrophilic polymer eluted from the hollow fiber membrane is 10 ppm or less; in that the ratio of the hydrophilic polymer in the outer surface of the hollow fiber membrane is 25 to 50 mass %; in that the burst pressure of the hollow fiber membrane is 0.5 MPa or higher; and in that the coefficient of water permeability of the blood purifier is 150 ml/m²/hr./mmHg or higher.
- 2. (Original) The highly water-permeable hollow fiber type blood purifier of claim 1, wherein the rate of hole area of the outer surface of the hollow fiber membrane is 8 to 25%.
- 3. (Amended) The highly water-permeable hollow fiber type blood purifier of claim 1 or 2, wherein the average hole area of the outer surface of the hollow fiber membrane is 0.3 to $1.0\mu\text{m}^2$
- 4. (Amended) The highly water-permeable hollow fiber type blood purifier of any of elaims 1 to 3 claim 1, wherein the non-uniformity in thickness of the hollow fiber membrane is 0.6 or more.
- 5. (Amended) The highly water-permeable hollow fiber type blood purifier of any of claims 1 to 4 claim 1, wherein the thickness of the hollow fiber membrane is 10 to 60 μ m.

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6. (Amended) The highly water-permeable hollow fiber type blood purifier of any of claims 1 to 5 claim 1, wherein the mass ratio of the hydrophilic polymer to the hydrophobic polymer is 1 to 20 mass %.

- 7. (Amended) The highly water-permeable hollow fiber type blood purifier of any of claims 1 to 6 claim 1, wherein the hydrophilic polymer is polyvinyl pyrrolidone.
- 8. (Amended) The highly water-permeable hollow fiber type. blood purifier of any of claims 1 to 7 claim 1, wherein the hydrophilic polymer is crosslinked to be insoluble.